



"train algorithm" futile

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### [Incremental mature garbage collection using the train algorithm](#) - group of 4 »

J Seligmann, S Grarup - Proceedings of 1995 European Conference on Object-Oriented ..., 1995 - daimi.au.dk

... Unfortunately, the **Train Algorithm** as presented so far provides no such guarantee. ...

We call such collections **futile** because they neither evacuate, nor reclaim ...

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S Grarup, J Seligmann - daimi.au.dk

... Recently, however, Hudson & Moss have introduced a new algorithm, the **Train Algorithm**, for performing efficient incremental collection of old generation space ...

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### [\[ps\] E-mail: f.grarup, jacobse g@ daimi. aau. dk](#)

N Munkegade - daimi.au.dk

... algorithm, the **Train Algorithm**, for performing efficient incremental collection techniques in general and the techniques used by the **Train Algorithm** in particular. ...

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1 [A sequential algorithm for training text classifiers](#)

David D. Lewis, William A. Gale

August 1994 **Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval**

Publisher: Springer-Verlag New York, Inc.

Full text available:  [pdf\(902.60 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

2 [Training and development plans and results at Mobil Data services ltd.](#)

 P. M. A. BoothJune 1971 **Proceedings of the ninth annual SIGCPR conference**

Publisher: ACM Press

Full text available:  [pdf\(1.33 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The growth of the EDP function in Industrial Organisations during the past ten years has presented managements with a number of unique problems. In this paper I will try to state the problems, some of them particular to the company, some generally present in the industry, as they appeared to Mobil Data's management, and follow this with a narration of the steps which have so far been taken to overcome them. In summary, I shall deal with:- • The necessary first ste ...

3 [Protein classification using a neural network database system](#)

 Cathy H. Wu, Adisorn Epidemiology, Tzx-Chung ChangMay 1991 **Proceedings of the conference on Analysis of neural network applications**

Publisher: ACM Press

Full text available:  [pdf\(1.02 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

4 [Exchange your outlook—a university migration or: "the outlook's so bright, I gotta wear shades?"](#)

 Michael Murray, Michael Quiner, Michael CritchfieldOctober 1998 **Proceedings of the 26th annual ACM SIGUCCS conference on User services**

Publisher: ACM Press

Full text available:  [pdf\(510.54 KB\)](#) Additional Information: [full citation](#), [index terms](#)

**5 Systems: University of Manitoba: description of the NUBA system as used for MUC-5**

Dekang Lin

August 1993 **Proceedings of the 5th conference on Message understanding MUC5 '93****Publisher:** Association for Computational LinguisticsFull text available: [pdf\(762.71 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Abduction is the inference to the best explanation. Many tasks in natural language understanding such as word-sense disambiguity [1], local pragmatics [4], metaphor interpretation [3], and plan recognition [5, 8], can be viewed as abduction.

**6 An efficient multi-relational Naïve Bayesian classifier based on semantic relationship graph**

Hongyan Liu, Xiaoxin Yin, Jiawei Han

August 2005 **Proceedings of the 4th international workshop on Multi-relational mining MRDM '05****Publisher:** ACM PressFull text available: [pdf\(197.03 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Classification is one of the most popular data mining tasks with a wide range of applications, and lots of algorithms have been proposed to build accurate and scalable classifiers. Most of these algorithms only take a single table as input, whereas in the real world most data are stored in multiple tables and managed by relational database systems. As transferring data from multiple tables into a single one usually causes many problems, development of multi-relational classification algorithms b ...

**Keywords:** Naïve Bayes, classification, data mining**7 Using compensating reconfiguration to maintain military distributed simulations**

Donald J. Welch, James M. Purtilo

December 1997 **Proceedings of the 29th conference on Winter simulation****Publisher:** ACM PressFull text available: [pdf\(798.89 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**8 Sources of Success for Boosted Wrapper Induction**

David Kauchak, Joseph Smarr, Charles Elkan

December 2004 **The Journal of Machine Learning Research**, Volume 5**Publisher:** MIT PressFull text available: [pdf\(281.46 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we examine an important recent rule-based information extraction (IE) technique named Boosted Wrapper Induction (BWI) by conducting experiments on a wider variety of tasks than previously studied, including tasks using several collections of natural text documents. We investigate systematically how each algorithmic component of BWI, in particular boosting, contributes to its success. We show that the benefit of boosting arises from the ability to reweight examples to learn specifi ...

**9 Industry track papers: ADMIT: anomaly-based data mining for intrusions**

Karlton Sequeira, Mohammed Zaki

July 2002 **Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining****Publisher:** ACM PressFull text available: [pdf\(1.33 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Security of computer systems is essential to their acceptance and utility. Computer

security analysts use intrusion detection systems to assist them in maintaining computer system security. This paper deals with the problem of differentiating between masqueraders and the true user of a computer terminal. Prior efficient solutions are less suited to real time application, often requiring all training data to be labeled, and do not inherently provide an intuitive idea of what the data model means. ...

**10 Pens & sketching: Hierarchical parsing and recognition of hand-sketched diagrams**

 Levent Burak Kara, Thomas F. Stahovich

October 2004 **Proceedings of the 17th annual ACM symposium on User interface software and technology**

**Publisher:** ACM Press

Full text available:  pdf(420.41 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A long standing challenge in pen-based computer interaction is the ability to make sense of informal sketches. A main difficulty lies in reliably extracting and recognizing the intended set of visual objects from a continuous stream of pen strokes. Existing pen-based systems either avoid these issues altogether, thus resulting in the equivalent of a drawing program, or rely on algorithms that place unnatural constraints on the way the user draws. As one step toward alleviating these difficult ...

**Keywords:** Simulink, pen computing, pnns, sketch understanding, symbol recognition, visual parsing

**11 Reinventing support services: transcending the centralized-decentralized support**

 **model debate**

Kathleen Cummings

November 2002 **Proceedings of the 30th annual ACM SIGUCCS conference on User services**

**Publisher:** ACM Press

Full text available:  pdf(148.00 KB) Additional Information: [full citation](#), [abstract](#), [citations](#)

Over the course of seven years, Tufts University alternated between a centralized and decentralized IT model. The centralized model seemed to produce charges that the IT organization was not responsive to local needs; alternately, the decentralized model produced redundancies and inefficiencies. This year Tufts moved away from the centralized-decentralized dilemma. Accepting that any model would have drawbacks, Tufts reinvented support--not as a structure--but as a collaborative service. Buildin ...

**Keywords:** desktop support, help desk software, support politics, training and documentation

**12 Coevolution: 'Managed challenge' alleviates disengagement in co-evolutionary**

 **system identification**

Josh C. Bongard, Hod Lipson

June 2005 **Proceedings of the 2005 conference on Genetic and evolutionary computation GECCO '05**

**Publisher:** ACM Press

Full text available:  pdf(336.36 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In previous papers we have described a co-evolutionary algorithm (EEA), the estimation-exploration algorithm, that infers the hidden inner structure of systems using minimal testing. In this paper we introduce the concept of 'managed challenge' to alleviate the problem of disengagement in this and other co-evolutionary algorithms. A known problem in co-evolutionary dynamics occurs when one population systematically outperforms the other, resulting in a loss of selection pressure for both popula ...

**Keywords:** co-evolution, system identification

**13 Security: Anomalous path detection with hardware support**

 Tao Zhang, Xiaotong Zhuang, Santosh Pande, Wenke Lee

September 2005 **Proceedings of the 2005 international conference on Compilers, architectures and synthesis for embedded systems CASES '05**

**Publisher:** ACM Press

Full text available:  pdf(419.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Embedded systems are being deployed as a part of critical infrastructures and are vulnerable to malicious attacks due to internet accessibility. Intrusion detection systems have been proposed to protect computer systems from unauthorized penetration.

Detecting an attack early on pays off since further damage is avoided and in some cases, resilient recovery could be adopted. This is especially important for embedded systems deployed in critical infrastructures such as Power Grids etc. where a tim ...

**Keywords:** anomalous path, anomaly detection, control flow monitoring, hardware support, monitoring granularity

**14 Computer Related Curricular Changes In Traditional Mathematics**

 E. P. Miles

December 1978 **Proceedings of the 1978 annual conference**

**Publisher:** ACM Press

Full text available:  pdf(730.43 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The author has been long concerned with the proper role for the computer in undergraduate instruction in mathematics. This was, in part, prompted by the dramatic shift he observed in engineering education which took place in the early 1960s as students gave up slide rules and embraced computers as their principle tool. Much credit for this rapid transition should go to the Ford Foundation (Michigan U.) project on Computers in Engineering Education [1] which developed computer-oriented mater ...

**15 A methodology for modular use of Ada**

 Mordechai Ben-Ari, Amiram Yehudai

December 1981 **ACM SIGPLAN Notices**, Volume 16 Issue 12

**Publisher:** ACM Press

Full text available:  pdf(385.66 KB) Additional Information: [full citation](#), [references](#), [citations](#)

**16 The whiteboard: Letter from the dark side: confessions of an applications developer**

 Thomas McCoy

November 2002 **interactions**, Volume 9 Issue 6

**Publisher:** ACM Press

Full text available:  pdf(351.96 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

 html(22.84 KB)

The usability/development drama sometimes feels like a wrestling match that both teams despair of winning. No matter which part you play, I'll bet you'll recognize yourself or someone you know in this month's column. Tom McCoy expresses in a delightful whinge the attitudes and resentments of the development team towards the imposition of usability as an add-on, and offers suggestions for improving the communication and the overall process. <br>---Elizabeth Buie

**17 A design for team peer code review**

 Deborah A. Trytten

February 2005 **ACM SIGCSE Bulletin , Proceedings of the 36th SIGCSE technical**

**symposium on Computer science education SIGCSE '05, Volume 37 Issue 1****Publisher:** ACM PressFull text available:  pdf(183.26 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The software industry needs our graduates to have significant and meaningful experiences with teamwork. A new design has been developed for a teamwork exercise based on peer code review. This design uses the three Ss of building assignments for cooperative learning: Same problem, Specific choices, and Simultaneous report. Students perform peer code review individually, and within and between stable small groups. The code can be sanitized student work or may be altered by the instructor to meet s ...

**Keywords:** cooperative learning, education, peer code review, software engineering, team work

**18 MIS careers—a theoretical perspective** Michael J. Ginzberg, Jack J. BaroudiMay 1988 **Communications of the ACM**, Volume 31 Issue 5**Publisher:** ACM PressFull text available:  pdf(1.16 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

MIS personnel historically have exhibited a disturbingly high rate of turnover, and the job of the MIS manager is increasingly oriented to personnel and staffing problems. The MIS careers literature consistently suggests that what is needed to improve this situation is (1) more attention to formal career planning, and (2) the implementation of a dual career ladder system within the DP/IS organization. A look at the broader literature on organizational careers suggests that these suggestions ...

**19 Improving personal efficiency: Time management in today's changing university** computing environment

Darleen Pigford

November 1982 **Proceedings of the 10th annual ACM SIGUCCS conference on User services****Publisher:** ACM PressFull text available:  pdf(799.40 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

With escalating technological advances and increased computing demands, the director of a university based computing facility finds greater professional responsibilities to perform with somewhat diminishing resources. To partially resolve this imbalance of task and resources, the leaders of computing organizations must seek to utilize their own time as efficaciously as possible. Planning to achieve maximum efficiency in a given time frame is a complex and individualized process. Even though ...

**20 Long papers: knowledge acquisition and knowledge-based design: The UI pilot: a** model-based tool to guide early interface design

Angel Puerta, Michael Micheletti, Alan Mak

January 2005 **Proceedings of the 10th international conference on Intelligent user interfaces****Publisher:** ACM PressFull text available:  pdf(645.15 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper, we introduce the User Interface Pilot, a model-based software tool that enables designers and engineers to create the initial specifications for the pages of a website, or for the screens of a desktop or mobile application. The tool guides the design of these specifications, commonly known as *wireframes*, in a user-centered fashion by framing the context of the design within the concepts of *user tasks*, *user types*, and *data objects*. Unlike previous model-based t ...

**Keywords:** XIML, knowledge-based user interface design, model-based user interface development, user interface models, user interface tools, wireframes

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The **Train Algorithm** is an incremental garbage collection scheme for achieving ...

Whenever a **futile** collection occurs, one of the external references to ...

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The **Train Algorithm**. Provides non-disruptive collection of the oldest ... may be ensured by explicitly recording an external pointer at **futile** collections ...

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The **Train Algorithm**. Collect the old generation (mature object space). incrementally. ... It is not in first car (otherwise, not **futile**). ...

[www.cs.technion.ac.il/~erez/courses/gc/lectures/04-generations-train.pdf](http://www.cs.technion.ac.il/~erez/courses/gc/lectures/04-generations-train.pdf) - [Similar pages](#)

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A garbage collector that employs the **train algorithm** determines whether **futile** collections have been occurring or the number of trains has reached a maximum ...

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[bjornlee.blogspot.com/2005\\_11\\_01\\_bjornlee\\_archive.html](http://bjornlee.blogspot.com/2005_11_01_bjornlee_archive.html) - 68k - Supplemental Result -

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... MPAA have camped out in the legal courts in a frantic, and possibly **futile** battle to fight the tsunami of innovation endangering their revenue bases. ...

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... to the wrong colleges here to educate us.. it is kindof **futile** <water> yeah, ... uh oh

<water> :) <water> have you heard of the **train algorithm**, then? ...

[tunes.org/files/irc/old/2000.0109](http://tunes.org/files/irc/old/2000.0109) - 145k - [Cached](#) - [Similar pages](#)

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... of allocation trains in the **train algorithm** Patent Number: 7035884 Issued on ...

Whenever you catch yourself conducting a useless, **futile** conversation ...

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... I have learned in this life is how **futile** it is to fight inevitability. ... of allocation trains in the **train algorithm** Patent Number: 7035884 Issued on ...

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